



**Division of Fire Safety
Central Office**

1311 U.S. Route 302 - Berlin
Suite 600
Barre, VT 05641-2351
firesafety.vermont.gov

(phone) (802) 479-7561 or 800-640-2106
(fax) (802) 479-7562

Department of Public Safety

Bulletin

From: Bob Patterson, Deputy Director

To: Fire Alarm Vendors

Date: October 25, 2011

Re: Chemetronics 500 and 600 Series Heat Detectors

Issue: Recently this office has received two series 600 heat detectors that were found broken at the rivet connection of the wiring terminals during annual inspections rendering these detectors inoperative.

In August 2004 Chemetronics (Kidde-Fenwal Company) issued a bulletin indicating 500 and 600 Series heat detectors produced January 2001 through December 2003 may be defective. (date code W01-Y02 week 1, 2002 to W52-Y03 week 52, 2003)

The problem found was rivets that hold the wire attachment to device was out of tolerance on some detectors, can separate from the device causing it to be inoperative. The wires are still connected to screw terminal, however once detached from device the detector can't transmit an alarm signal to fire alarm control panel. Because the wires are still attached to the terminals, no trouble notification is transmitted to the fire alarm control panel.

Action: It is highly recommended that these devices be replaced to reduce potential of future terminal breakage and loss of protection. In addition, after presenting this bulletin during your annual inspection, note your findings on your TQP report; include number of detectors, (state none if so), action taken, and refusal by the owner for the additional inspection time or replacement costs.

This bulletin applies to Chemetronics 500 and 600 Series Heat Detectors only.

